



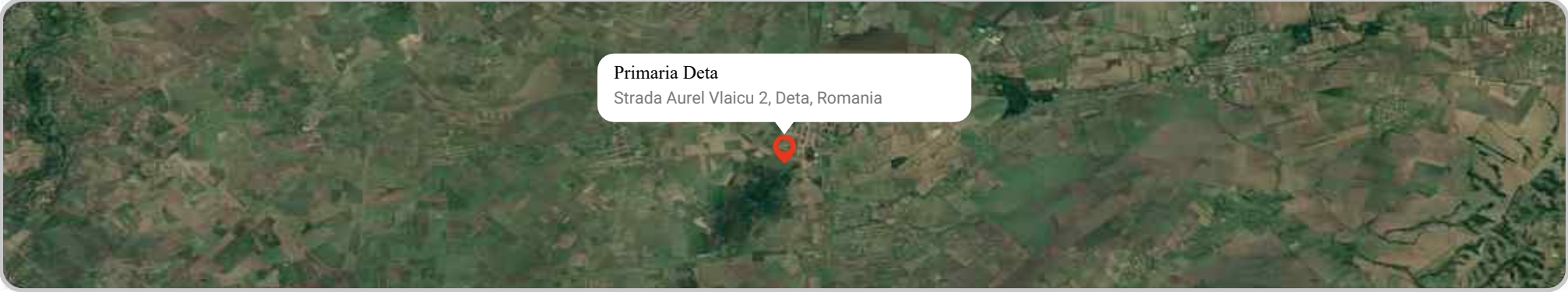
Primaria Deta

RAPORT SĂPTĂMÂNAL PRIVIND CALITATEA AERULUI

Timp de la: 23/08/2026, 00:00  
Timp până la: 30/08/2026, 00:00

Numele dispozitivului: Primaria Deta  
Locația dispozitivului: Strada Aurel Vlaicu 2, Deta, Romania

Parameters: Battery , CO , NO<sub>2</sub> , O<sub>3</sub> , SO<sub>2</sub> , R. Humidity , PM<sub>2.5</sub> , PM<sub>10</sub> , PM<sub>1</sub> , PM<sub>100</sub> , Pressure , Temperature , Wind Speed , Wind Direction , CAQI



Media indicelui de calitate al aerului (ICA): 27

Data Summary: AQI Parameters

|       | CAQI<br>AQI | NO <sub>2</sub><br>µg/m³ | O <sub>3</sub><br>µg/m³ | PM <sub>2.5</sub><br>µg/m³ | PM <sub>10</sub><br>µg/m³ |
|-------|-------------|--------------------------|-------------------------|----------------------------|---------------------------|
| Media | 27          | 22                       | 33.83                   | 9.09                       | 25.69                     |
|       |             |                          |                         |                            |                           |
| Maxim | 37          | 28.37                    | 36.06                   | 15.73                      | 36.27                     |
| Data  | 26/08/2026  | 26/08/2026               | 23/08/2026              | 26/08/2026                 | 26/08/2026                |
|       |             |                          |                         |                            |                           |
| Minim | 15          | 16.08                    | 30.66                   | 2.98                       | 12.35                     |
| Data  | 24/08/2026  | 23/08/2026               | 26/08/2026              | 23/08/2026                 | 23/08/2026                |

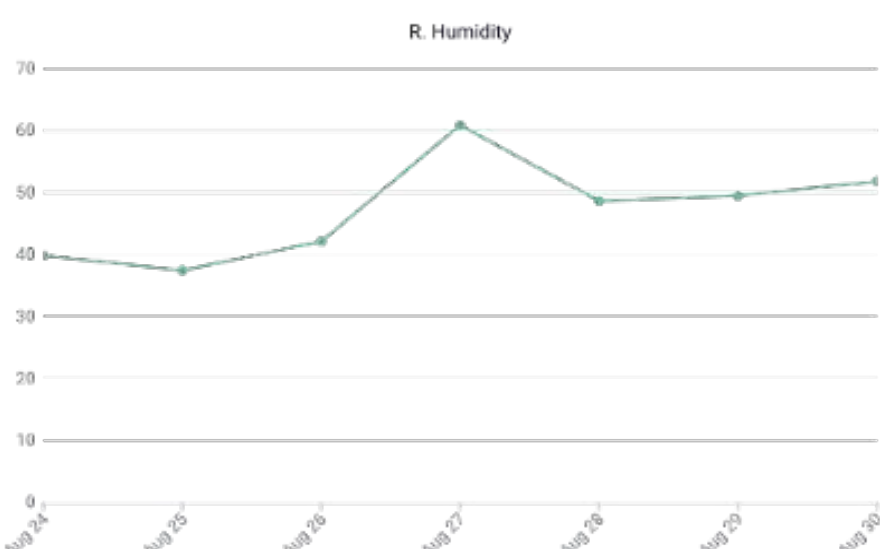
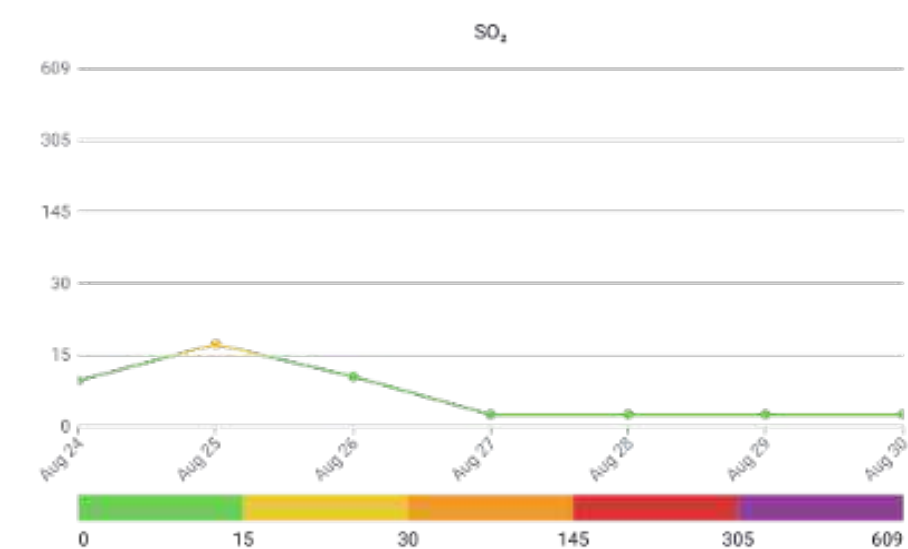
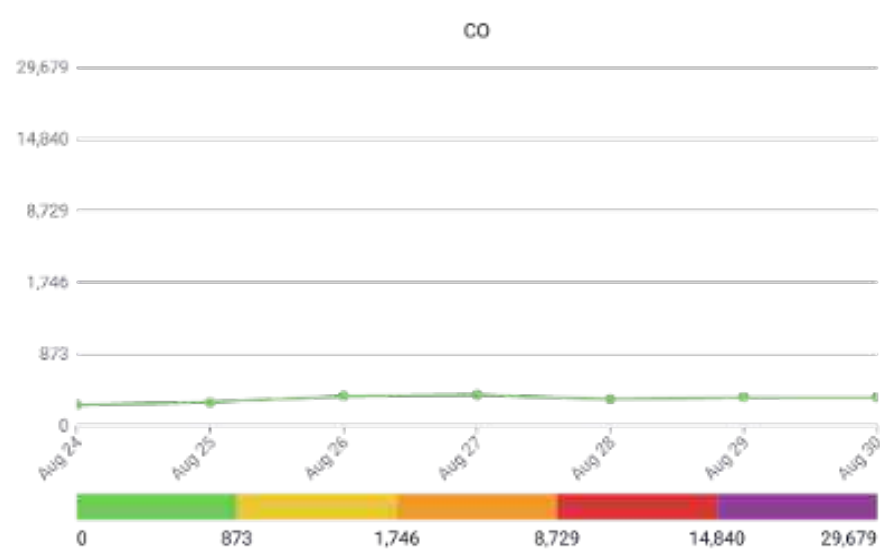
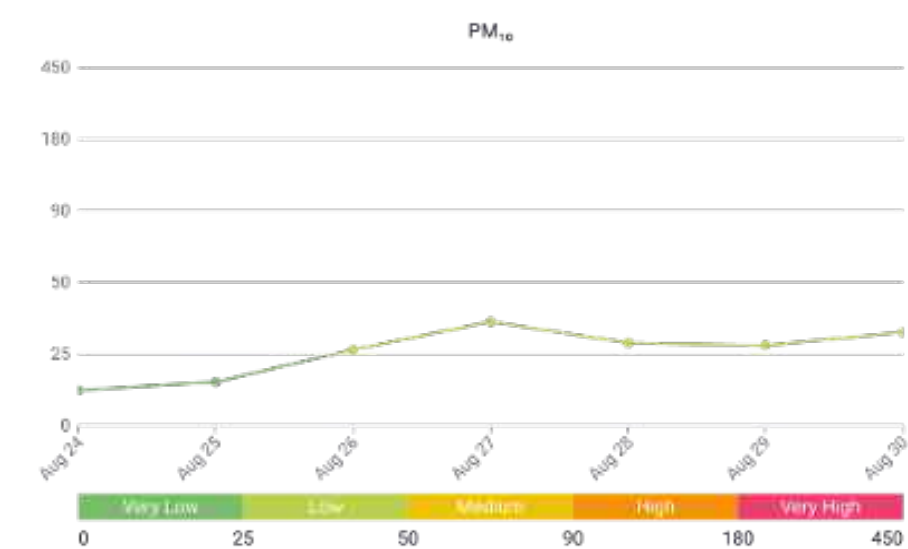
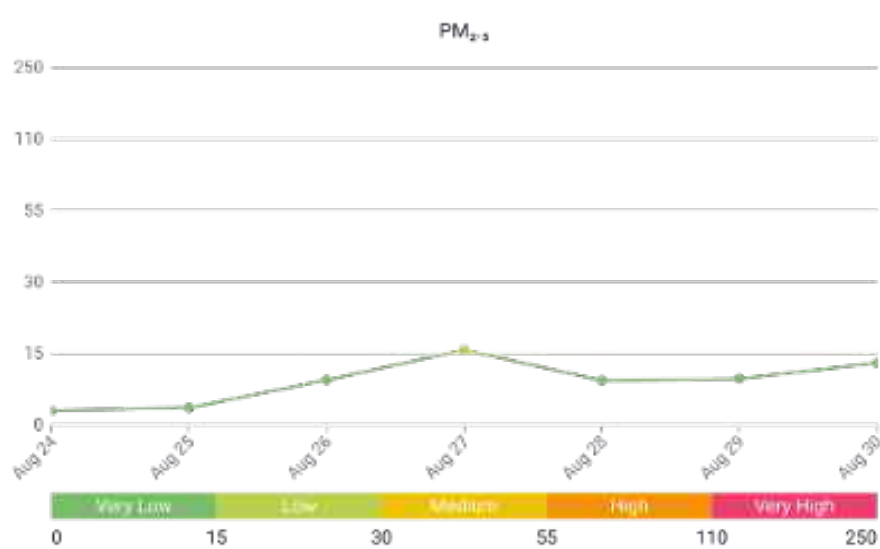
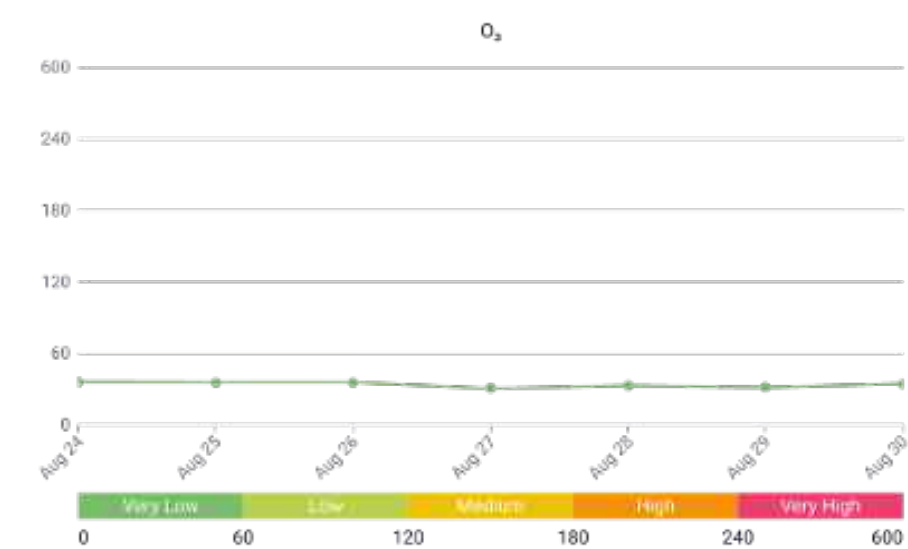
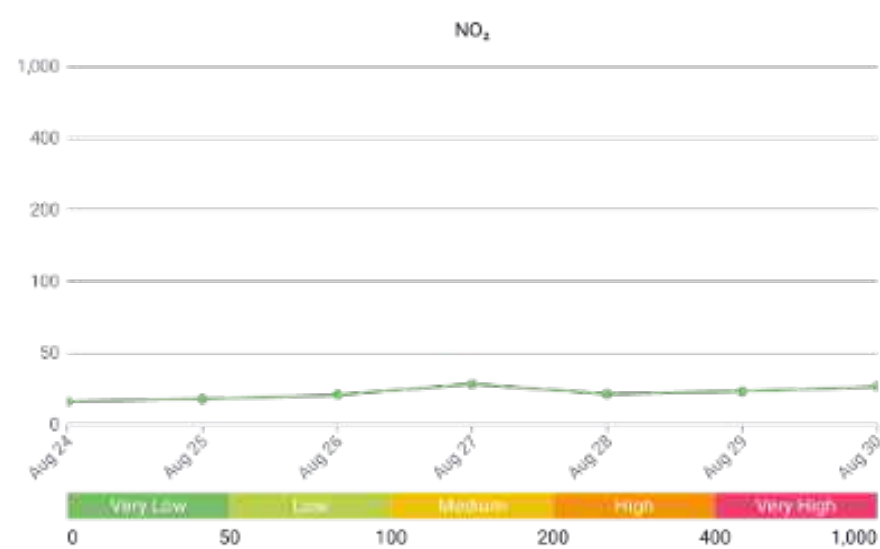
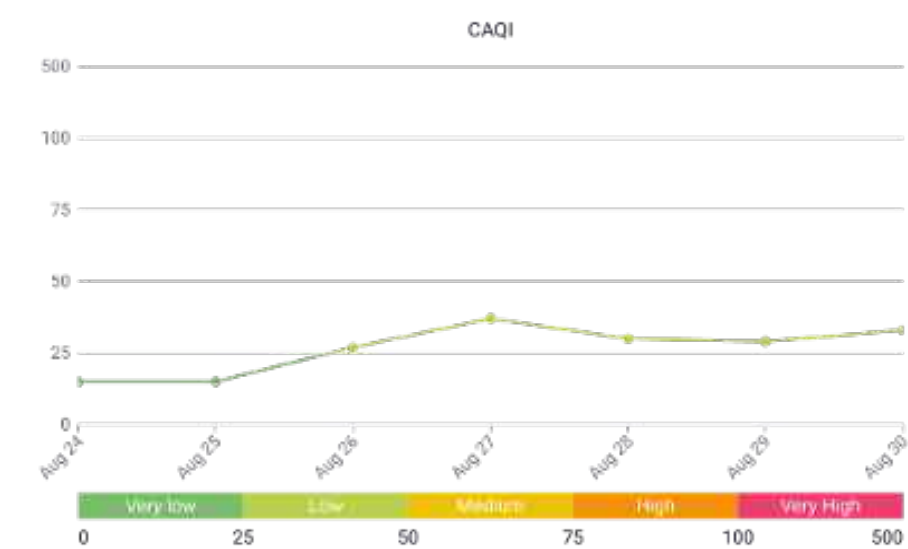
The data shown above is based on Media zilnică.

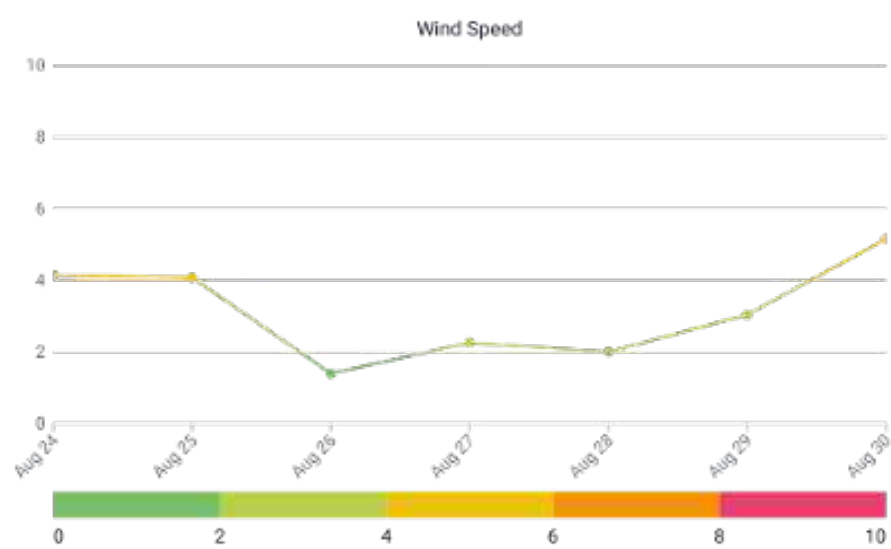
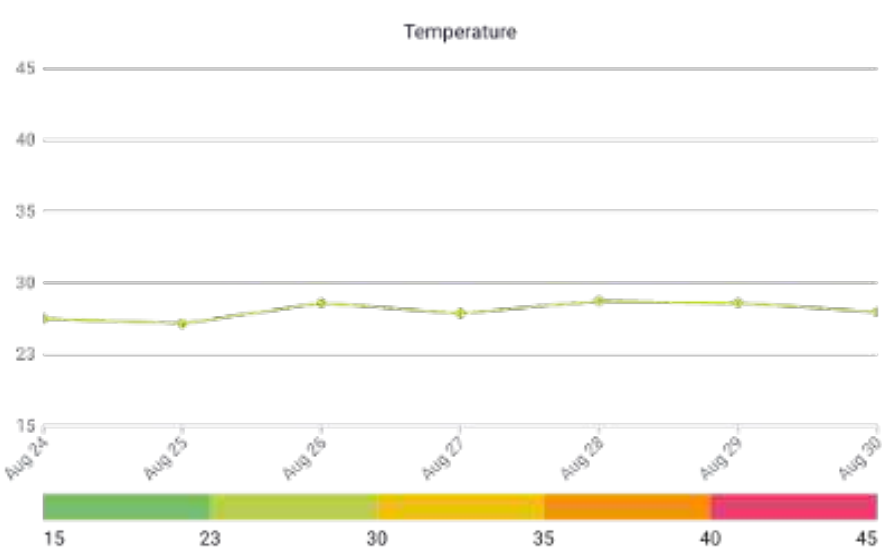
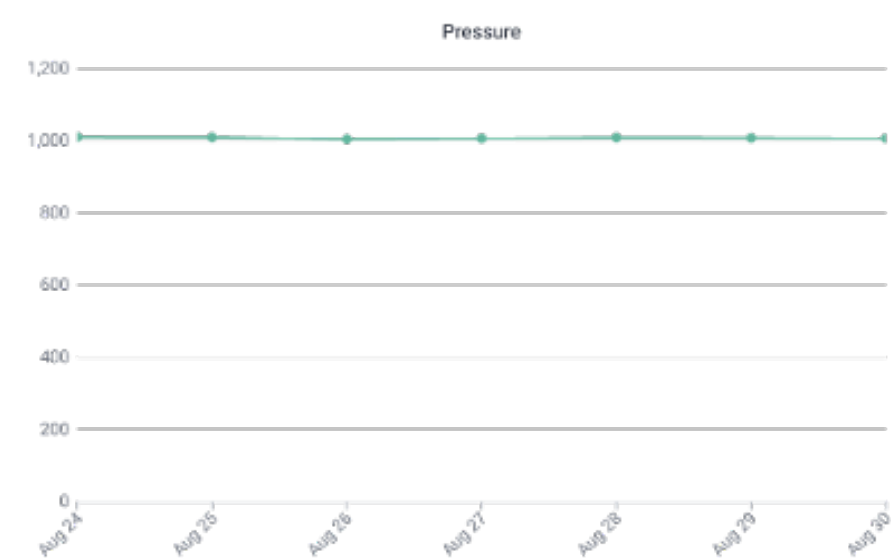
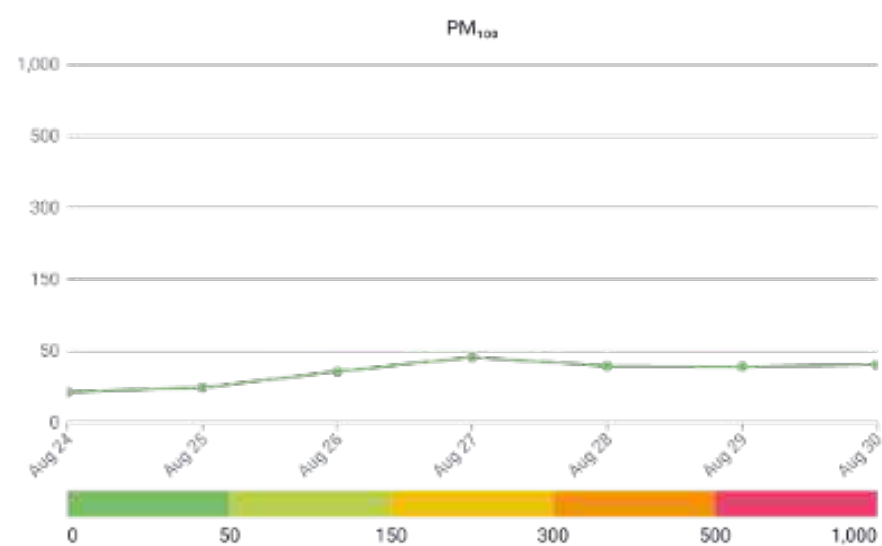
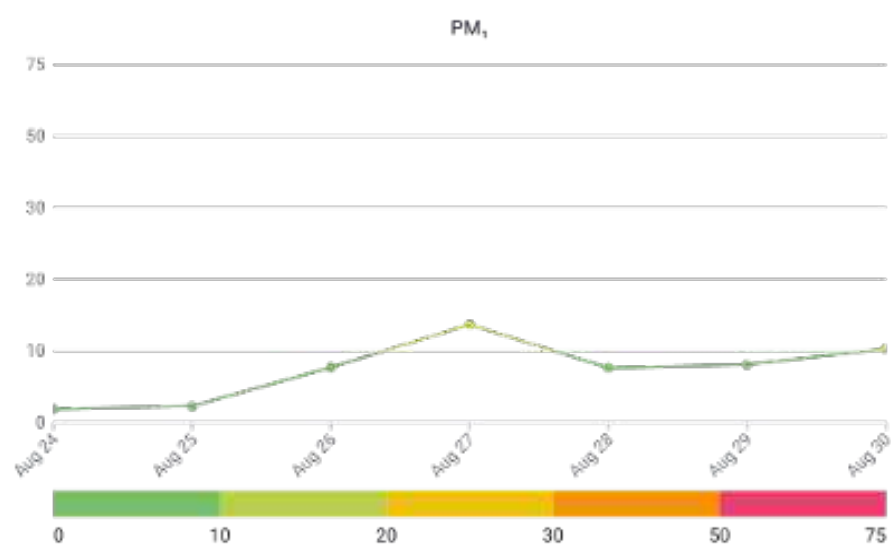
Data Summary: Non-AQI Parameters

|       | Battery %  | CO ppb     | SO <sub>2</sub> ppb | R. Humidity % | PM <sub>1</sub> µg/m <sup>3</sup> | PM <sub>100</sub> µg/m <sup>3</sup> | Pressure HPa | Temperature °C | Wind Speed m/s | Wind Direction degree |
|-------|------------|------------|---------------------|---------------|-----------------------------------|-------------------------------------|--------------|----------------|----------------|-----------------------|
| Media | 100        | 326.36     | 6.76                | 47.16         | 7.38                              | 35.18                               | 1006.98      | 27.28          | 0.34           | 67.1                  |
|       |            |            |                     |               |                                   |                                     |              |                |                |                       |
| Maxim | 100        | 375.38     | 17.24               | 60.86         | 13.69                             | 45.73                               | 1009.47      | 28.22          | 5.15           | 176.94                |
| Data  | 29/08/2026 | 26/08/2026 | 24/08/2026          | 26/08/2026    | 26/08/2026                        | 26/08/2026                          | 23/08/2026   | 27/08/2026     | 29/08/2026     | 29/08/2026            |
|       |            |            |                     |               |                                   |                                     |              |                |                |                       |
| Minim | 100        | 253.48     | 2.49                | 37.43         | 1.88                              | 21.33                               | 1003.82      | 26.02          | 1.4            | 196.5                 |
| Data  | 29/08/2026 | 23/08/2026 | 27/08/2026          | 24/08/2026    | 23/08/2026                        | 23/08/2026                          | 25/08/2026   | 24/08/2026     | 25/08/2026     | 25/08/2026            |

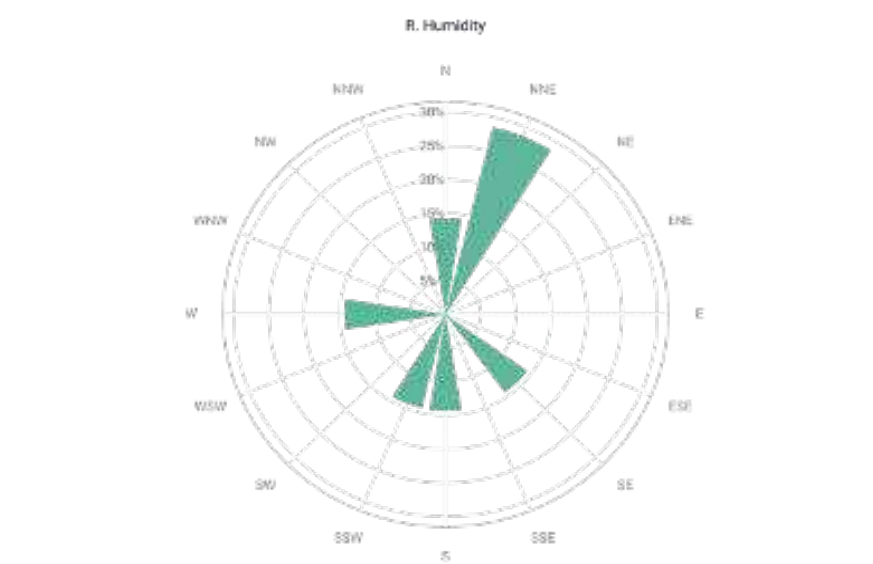
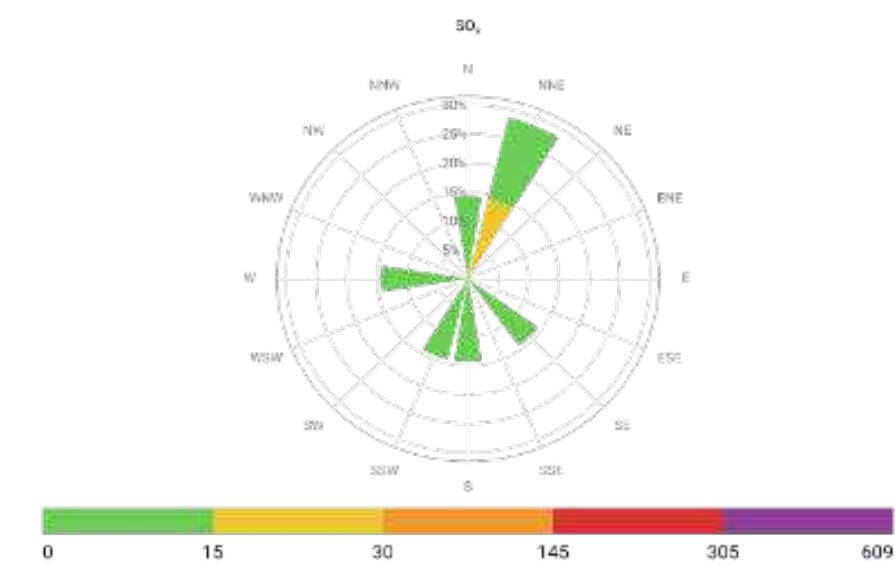
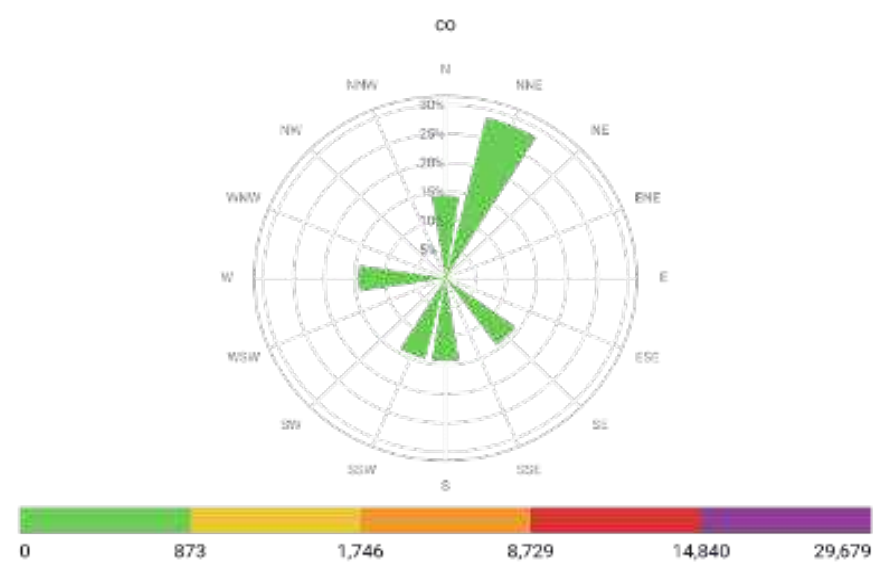
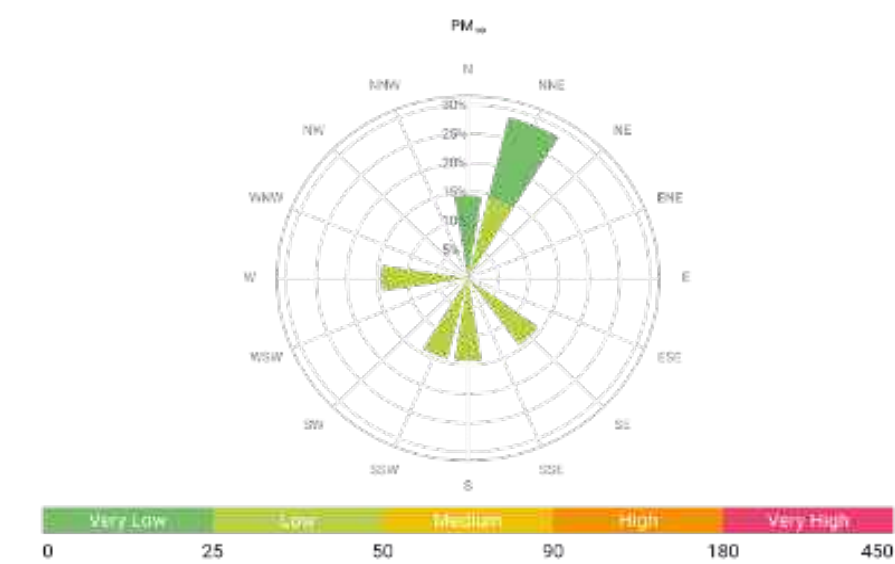
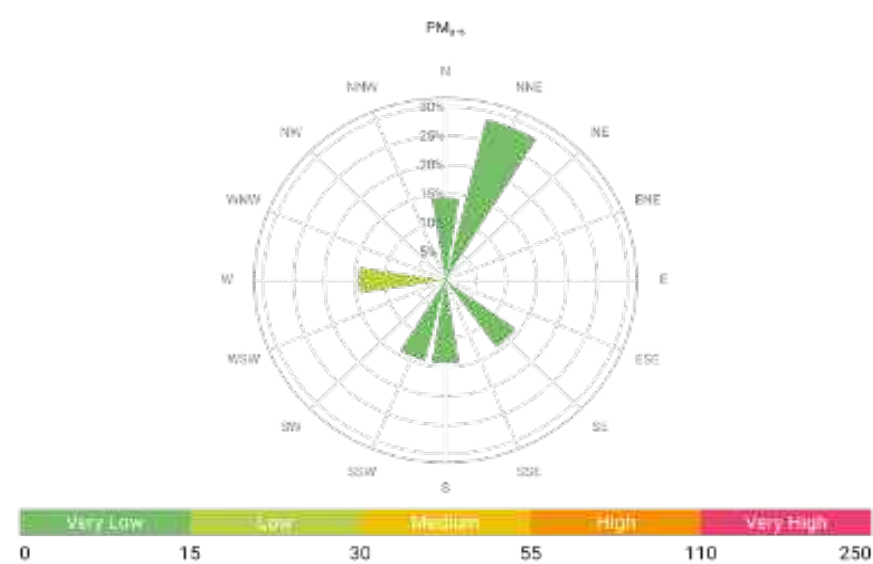
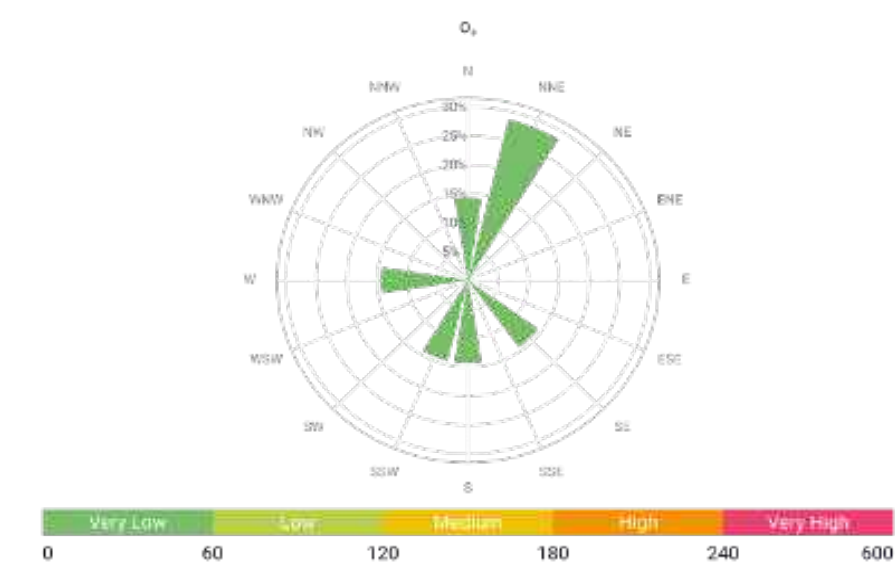
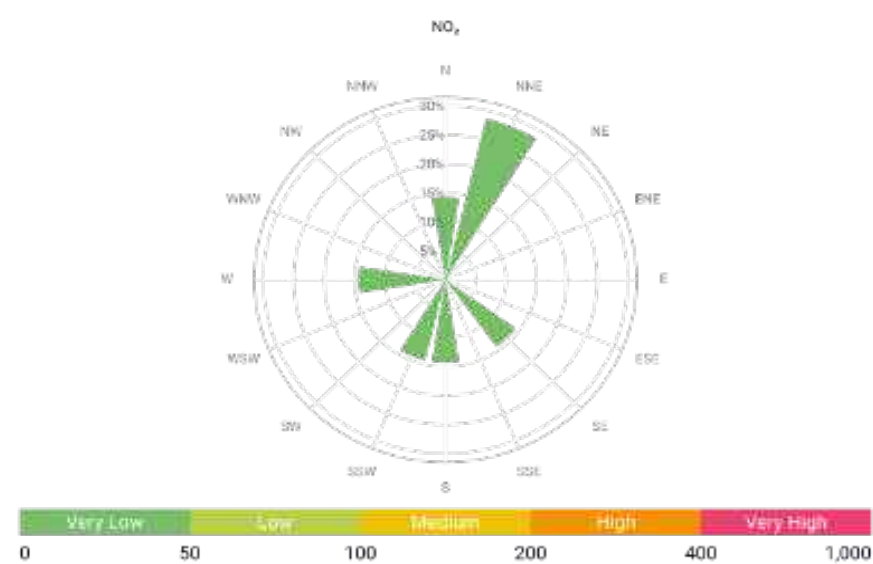
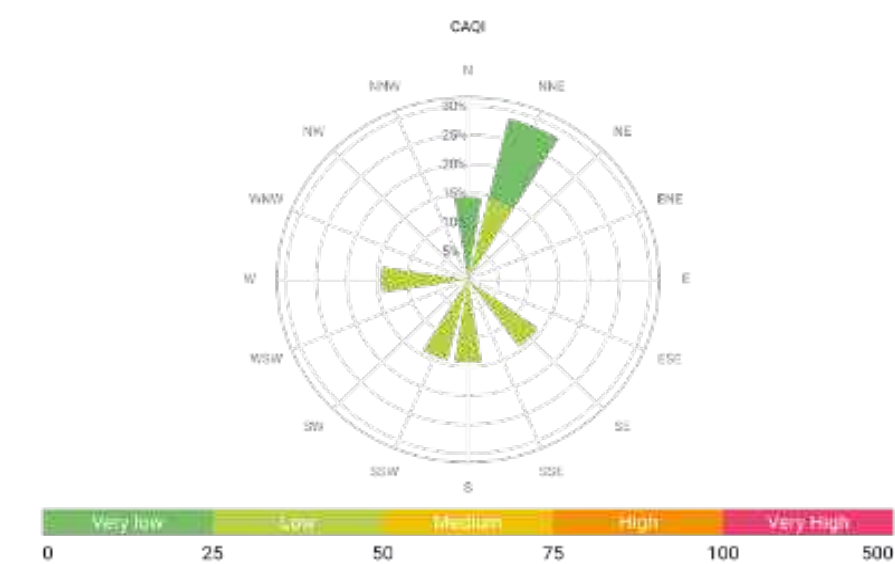
The data shown above is based on Media zilnică.

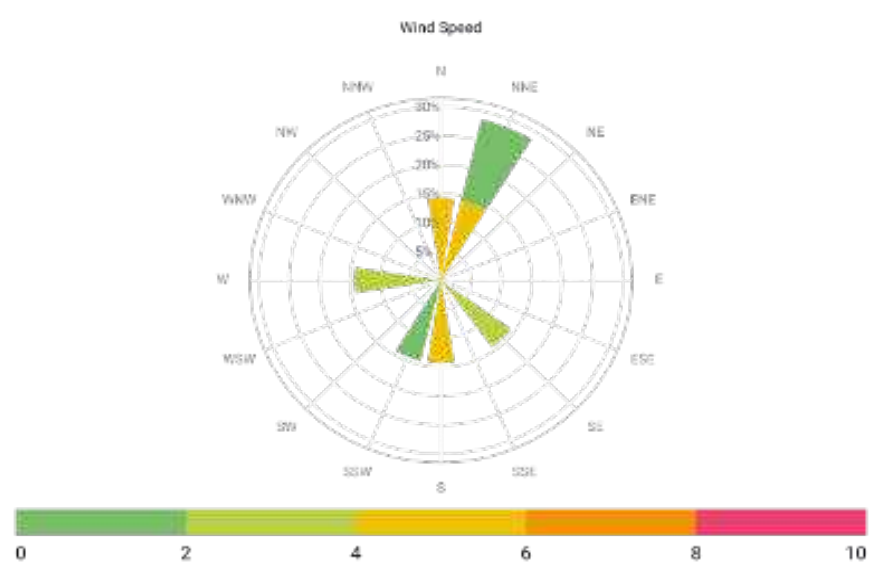
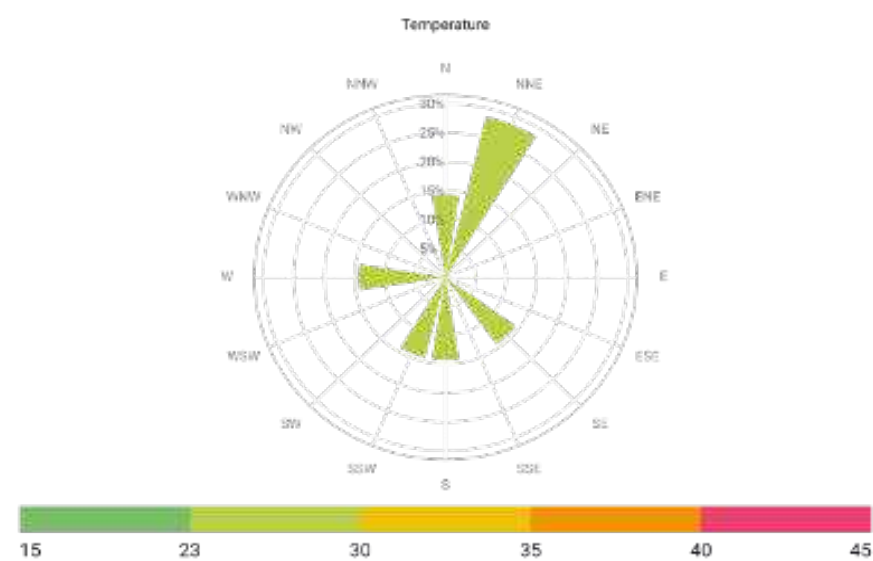
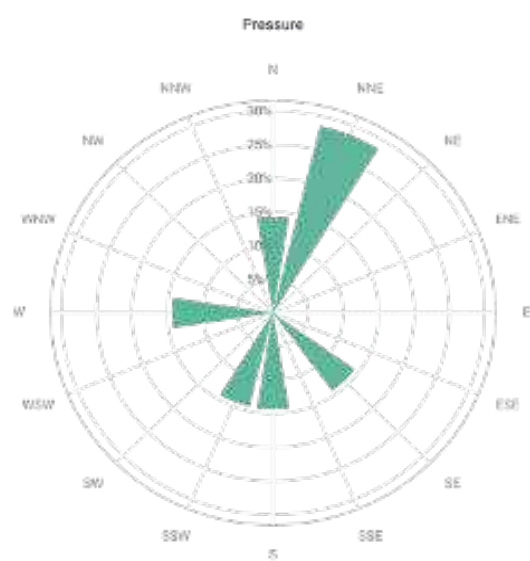
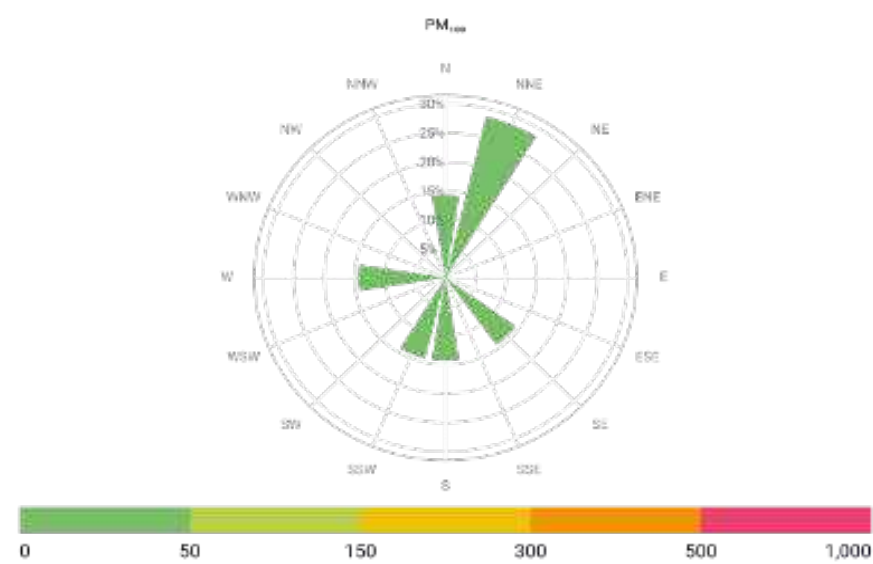
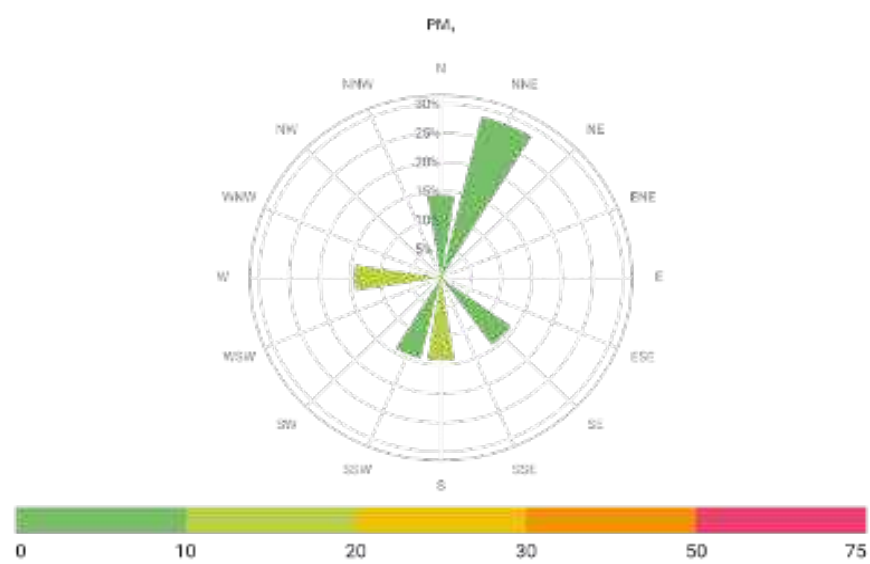
Line Chart: Media zilnică





Pollution Rose Chart: Media zilnică







## Insights

- 29/08/2026, 23:59: Consistent Low Air Quality Index: CAQI remained in the "Low" range (27-37) for most of the period, with August 23 and 24 recording "Very low" val
- 24/08/2026, 23:59: Lowest Air Pollution Days: August 23 and 24 recorded the lowest CAQI at 15 ("Very low"), accompanied by very low PM<sub>2.5</sub> (2.98-3.59 µg/m³) and
- 29/08/2026, 23:59: Fluctuating PM<sub>2.5</sub> Levels from Very Low to Low: PM<sub>2.5</sub> levels were mostly "Very Low" (2.98-12.98 µg/m³), with a peak of 15.73 µg/m³ on August 2
- 29/08/2026, 23:59: PM<sub>10</sub> Levels Mostly in Low Range: PM<sub>10</sub> levels were "Very Low" on August 23-24 (12.35-15.23 µg/m³), then "Low" for the rest of the period (26.51-
- 29/08/2026, 23:59: NO<sub>2</sub> Levels Predominantly Very Low: NO<sub>2</sub> concentrations were consistently "Very Low" (16.08-26.43 µg/m³), except on August 26, which recorded
- 29/08/2026, 23:59: Ozone Levels Consistently Low: O<sub>3</sub> concentrations remained consistently in the "Low" range throughout the entire period, with values between 30
- 24/08/2026, 23:59: High SO<sub>2</sub> Does Not Correlate with High CAQI: The highest SO<sub>2</sub> readings (17.24 ppb on August 24, 9.62 ppb on August 23) occurred on days with t
- 23/08/2026, 23:59: Higher Wind Speed Correlates with Lower PM: The lowest PM<sub>2.5</sub> (2.98 µg/m³) and PM<sub>10</sub> (12.35 µg/m³) on August 23 coincided with one of the hi
- 26/08/2026, 23:59: Peak Pollutant Levels on August 26: August 26 recorded the highest CAQI (37), NO<sub>2</sub> (28.37 µg/m³), PM<sub>2.5</sub> (15.73 µg/m³), and PM<sub>10</sub> (36.27 µg/m³)
- 29/08/2026, 23:59: General Trend of CO with Particulate Matter: Higher CO levels (e.g., 375.38 ppb on August 26) generally correspond to elevated PM<sub>2.5</sub> and PM<sub>10</sub>,

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## Alerte

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No alerts for the selected date and time range



# Table View: AQI Parameters

Media zilnică

| To Date           | CAQI<br>AQI | NO <sub>2</sub><br>µg/m <sup>3</sup> | O <sub>3</sub><br>µg/m <sup>3</sup> | PM <sub>2.5</sub><br>µg/m <sup>3</sup> | PM <sub>10</sub><br>µg/m <sup>3</sup> |
|-------------------|-------------|--------------------------------------|-------------------------------------|----------------------------------------|---------------------------------------|
| 29/08/2026, 23:59 | 33          | 26.43                                | 34.49                               | 12.98                                  | 32.62                                 |
| 28/08/2026, 23:59 | 29          | 23.22                                | 31.5                                | 9.67                                   | 27.97                                 |
| 27/08/2026, 23:59 | 30          | 21.35                                | 33                                  | 9.32                                   | 28.89                                 |
| 26/08/2026, 23:59 | 37          | 28.37                                | 30.66                               | 15.73                                  | 36.27                                 |
| 25/08/2026, 23:59 | 27          | 20.72                                | 35.56                               | 9.39                                   | 26.51                                 |
| 24/08/2026, 23:59 | 15          | 17.83                                | 35.56                               | 3.59                                   | 15.23                                 |
| 23/08/2026, 23:59 | 15          | 16.08                                | 36.06                               | 2.98                                   | 12.35                                 |



## Table View: Non-AQI Parameters

Media zilnică

| To Date           | Battery % | CO ppb | SO <sub>2</sub> ppb | R. Humidity % | PM <sub>1</sub> µg/m <sup>3</sup> | PM <sub>100</sub> µg/m <sup>3</sup> | Pressure HPa | Temperature °C | Wind Speed m/s | Wind Direction degree |
|-------------------|-----------|--------|---------------------|---------------|-----------------------------------|-------------------------------------|--------------|----------------|----------------|-----------------------|
| 29/08/2026, 23:59 | 100       | 342.33 | 2.5                 | 51.78         | 10.31                             | 40.55                               | 1005.75      | 27.16          | 5.15           | 176.94                |
| 28/08/2026, 23:59 | 100       | 344.37 | 2.5                 | 49.49         | 8.1                               | 38.99                               | 1007.17      | 28.03          | 3.04           | 145.59                |
| 27/08/2026, 23:59 | 100       | 324.38 | 2.49                | 48.63         | 7.65                              | 39.46                               | 1008.15      | 28.22          | 2              | 33.01                 |
| 26/08/2026, 23:59 | 100       | 375.38 | 2.49                | 60.86         | 13.69                             | 45.73                               | 1005.72      | 27.02          | 2.26           | 281.1                 |
| 25/08/2026, 23:59 | 100       | 359.89 | 10.49               | 42.1          | 7.71                              | 35.75                               | 1003.82      | 28.02          | 1.4            | 196.5                 |
| 24/08/2026, 23:59 | 100       | 284.68 | 17.24               | 37.43         | 2.3                               | 24.43                               | 1008.76      | 26.02          | 4.08           | 26.58                 |
| 23/08/2026, 23:59 | 100       | 253.48 | 9.62                | 39.83         | 1.88                              | 21.33                               | 1009.47      | 26.51          | 4.15           | 358.29                |

Oizom will not be responsible for Environmental Data accuracy once Validated